ANNALS OF MATHEMATICS

EDITED BY

Armand Borel William Browder

John Milnor Elias M. Stein

WITH THE COOPERATION OF

Princeton University and The Institute for Advanced Study

AND

J. F. ADAMS
P. A. GRIFFITHS
L. NIRENBERG
L. A. E. CARLESON
Y. KAWADA
H. ROYDEN
R. SOLOVAY
P. DELIGNE
R. KIRBY
I. M. SINGER

TECHNICAL EDITOR

ELEANOR WEISENBORN

SECOND SERIES, VOL. 99, 1974

ANNALS OF MATHEMATICS
Vol. 99, Nos. 1, 2, 3.
1974

INDEX

HYMAN BASS. L_3 of finite abelian groups 118–153
SPENCER BLOCH. K_2 and algebraic cycles 349–379
SYLVAIN E. CAPPELL and JULIUS L. SHANESON. The codimension two placement problem and homology equivalent manifolds 277–348
SHIING-SHEN CHERN and JAMES SIMONS. Characteristic forms and geometric invariants 48– 69
MURRAY GERSTENHABER. On the deformations of rings and algebras IV 257–276
DAVID M. GOLDSCHMIDT. 2-Fusion in finite groups 70–117
GERALD S. GOODMAN. The existence of intensities of countable state nonstationary Markov transition functions 545–552
REESE HARVEY and BERNARD SHIFFMAN. A characterization of holomorphic chains 553–587
WU-CHUNG HSIANG and WU-YI HSIANG. Differentiable actions of compact connected Lie groups: III 220–256
MARTIN L. KAREL. Fourier coefficients of certain Eisenstein series 176–202
JERRY L. KAZDAN and F. W. WARNER. Curvature functions for compact 2-manifolds 14– 47
JERRY L. KAZDAN and F. W. WARNER. Curvature functions for open 2-manifolds 203–219
WILHELM KLINGENBERG. Riemannian manifolds with geodesic flow of Anosov type 1– 13
ALBERT MARDEN. The geometry of finitely generated kleinian groups 383–462
JOHN W. MORGAN and DENNIS P. SULLIVAN. The transversality characteristic class and linking cycles in surgery theory 463–544
CLARK ROBINSON. Structural stability of vector fields 154–175
R. F. WILLIAMS. Errata to "Classification of subshifts of finite type" 380–381

ANNALS OF MATHEMATICS

EDITED BY

Armand Borel William Browder

John Milnor Elias M. Stein

WITH THE COOPERATION OF

Princeton University and The Institute for Advanced Study

AND

J. F. ADAMS
P. A. GRIFFITHS
L. NIRENBERG
L. A. E. CARLESON
Y. KAWADA
H. ROYDEN
R. SOLOVAY
P. DELIGNE
R. KIRBY
I. M. SINGER

TECHNICAL EDITOR
ELEANOR WEISENBORN

SECOND SERIES, VOL. 100, 1974

ANNALS OF MATHEMATICS
Vol. 100, Nos. 1, 2, 3.
1974

INDEX

ALLDAY, CHRISTOPHER and SKJELBRED, TOR. The Borel formula and the topological splitting principle for torus actions on a Poincaré duality space 322–325

ARTHUR, JAMES. Some tempered distributions on semisimple groups of real rank one 553–584

ARTHUR, JAMES. The Selberg trace formula for groups of F-rank one 326–385

ARVESON, WILLIAM. Operator algebras and invariant subspaces 433–532

CHANG, THEODORE and SKJELBRED, TOR. The topological Schur lemma and related results 307–321

ELLIOTT, GEORGE A. Derivations of matroid C^*-algebras, II 407–422

GLIMM, JAMES, JAFFE, ARTHUR and SPENCER, THOMAS. The Wightman axioms and particle structure in the $\mathcal{P}(\phi)_2$ quantum field model 585–632

GRIFFITHS, PHILLIP A. On the Bezout problem for entire analytic sets 533–552

GROMOLL, DETLEF and MEYER, WOLFGANG. An exotic sphere with nonnegative sectional curvature 401–406

HARDER, G. Chevalley groups over function fields and automorphic forms 249–306

ISBELL, JOHN. Exact colimits, I 633–637

MACPHERSON, R. D. Chern classes for singular algebraic varieties .. 423–432

MILGRAM, R. JAMES. Surgery with coefficients 194–248

SATO, MIKIO and SHINTANI, TAKURO. On zeta functions associated with prehomogeneous vector spaces 131–170

SCHWEITZER, S. J., PAUL A. Counterexamples to the Seifert conjecture and opening closed leaves of foliations 386–400

SHALIKA, J. A. The multiplicity one theorem for GL_n 171–193

SOARE, ROBERT I. Automorphisms of the lattice of recursively enumerable sets Part I: Maximal sets 80–120

SULLIVAN, DENNIS. Genetics of homotopy theory and the Adams conjecture 1– 79

YAU, SHING-TUNG. Curvature preserving diffeomorphisms 121–130